

**MARY, QUEEN OF PEACE SCHOOL**  
**Grade Level Goals and Content**

**GRADE: 4**

**SUBJECT: Art**

**GOALS:** Given the nature of Art Education there is no straight progression of art. The levels will vary and overlap one another in sequence.

Students will engage in a qualitative exploration of:

1. art history.
2. art making ( production ).
3. art criticism ( analysis ).
4. art aesthetics ( judgement ).

**CONTENT TOPICS:**

1. History (artists, styles, time periods, and cultures)
2. Art elements and principles (line, shape, color, texture, value, form, space, variety, rhythm, balance, and movement)
3. Art media and processes [oil pastel, colored chalk, water color ( mixing, crayon resist and wash techniques), collage, printing, clay (pinch pot), and fibers (stitchery techniques)]
4. Two-dimensional imagery [drawing and painting projects on units of landscape, figure, portraits, still-life and non-objective art (design), decorative arts and architecture]
5. Three-dimensional forms (ceramic and sculpture)
6. Equipment and art material safety (appropriate care and use)

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**SUBJECT: Computer**

**GOALS:**

Students will:

1. apply basic layout skills to word processing documents.
2. continue to import graphics to word processing documents with help.
3. continue to make revisions in word processing documents to correct identified errors.
4. create word processing and drawing documents relating to grade level curriculum topics.
5. create basic spreadsheets and pie and line graphs.
6. apply basic skills to Multimedia Authoring program.
7. continue to use provided Internet web sites and CD ROM resources to research grade level curriculum topics.
8. continue to observe copyright and Internet restrictions as stated in the AUP.

**CONTENT TOPICS:**

1. Word Processing: typing sentences and paragraphs  
Correct spacing rules for punctuation, symbols, numbers  
Enhancement features (boldface, italic, underline)  
Proofread/edit from corrected copy  
Import graphics
2. Spreadsheet (bar, pie and line graphs)
3. Hyperstudio: Basics: text--as part of background and in a text box;  
Import graphics from Hyperstudio clip art and from a web site;  
Create buttons to navigate from card to card;  
Choose transitions
4. Review Internet Basic Applications:  
Take notes (rewrite sentences/facts from web site in own words);  
Copy/download graphic from web site to word processor or drawing program  
Use the web sites provided;  
Identify important facts from web sites
5. Continue using drawing program
6. CD ROM encyclopedias as a research source
7. Continue to respect copyright laws as they apply to web site graphics
8. Continue to not browse the Internet freely without direction from teacher

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**SUBJECT: Language Arts**

**GOALS:**

Students will:

1. demonstrate correct use of parts of speech.
2. use correct capitalization and punctuation in written and oral language.
3. use correct sentence structure.
4. identify and utilize figures of speech.
5. demonstrate proper oral communication.
6. utilize and demonstrate knowledge of the four kinds of sentences.
7. demonstrate a working knowledge of the paragraph writing process.
8. utilize a variety of reference materials to gather data and write a report.
9. write paragraphs in a variety of expository and creative styles.
10. understand and use vocabulary effectively in writing and speaking.
11. show an understanding of written and oral comprehension in a variety of genres.
12. apply word attack skills to new vocabulary.
13. read and discuss grade appropriate novels, incorporating cultural diversity.

**CONTENT TOPICS:**

1. Nouns (singular, plural, possessive, common, and proper)  
Verbs (action, linking, helping, and tense)  
Pronouns (personal, possessive, subject, and object)  
Adjectives (comparison, usage after linking verbs, and irregular comparisons)  
Adverbs (time, place, and manner)
2. Periods, commas, question marks, exclamation points, quotation marks, commas in series, appositives, direct address, and commas in quotations
3. Subject - verb agreement, subject, predicate, simple, compound, run-ons, fragments, direct objects, diagraming
4. Similes, metaphors, homophones
5. Communication skills such as body language, projection, tone, and enunciation
6. Declarative, imperative, interrogative, and exclamatory sentences
7. Topic sentences, detail sentences, and concluding sentences
8. Research skill (outlining, using encyclopedias and table of contents, library usage, and computers)
9. Descriptive, direction, persuasive, and creative paragraphs
10. Vocabulary definitions, synonyms, antonyms, pronunciation, spelling, stressed/unstressed syllables, prefixes, and suffixes
11. Sequencing, cause/effect, fact/opinion, drawing conclusions, paragraph responses, and organizational tools such as SQRRR
12. Decoding and syllabication

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**SUBJECT: Math**

**GOALS:**

Students will:

1. review previous grade level concepts.
2. demonstrate knowledge and understanding of multiplication and division.
3. demonstrate knowledge and understanding of fractions.
4. utilize skills and tools of measurement.
5. identify 2 and 3 dimensional geometric figures and shapes.
6. demonstrate problem solving strategies.
7. use and apply decimals.
8. use knowledge of standard and elapsed time.
9. apply grade level appropriate math skills to other subject area and life situations.

**CONTENT TOPICS:**

1. A review of addition, subtraction, and estimation
2. Single-digit multiplication and division, long division, estimation, and introduction to 2-digit multiplication and division
3. Parts of a whole, comparison, ordering, addition, subtraction, with common and unlike denominators, mixed numbers
4. Traditional and metric length, weight, capacity, area, perimeter, volume, and temperature
5. Plane figures ( square, rectangle, circle, triangle, octagon, pentagon, hexagon, decagon ) open and closed figures, congruence and similarity, line segments, rays, and lines
6. Working backwards, multi-step problems, guess-test-revise, drawing diagrams, making tables, identifying the operation etc.
7. Comparison to fractions, ordering, addition and subtraction (multiplication and division of money)
8. Units of time, addition and subtraction of units of time

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**SUBJECT: Music**

**GOALS:** Through performance practices, grade level progression in basic elements, and fundamentals of music theory, students will develop and deepen their skills of musicianship with appreciation through historical and cultural contributions.

Students will:

1. prepare and participate in music liturgy and music of the Church for all school Masses and prayer services.
2. demonstrate vocal music of two parts.
3. develop vocal and instrumental music skills and performance etiquette.
4. increase knowledge of the elements of music.
5. identify the letter names given to lines and spaces on a staff.
6. demonstrate proper posture, hand and finger position to play-first G above middle C followed by A,B,C, and D using the recorder.
7. react and perform note reading, rhythm, meter, and tempo (vocal and instrumental).
8. demonstrate public vocal performance.

**CONTENT TOPICS:**

1. Catholic music liturgy and music of the Church
2. Vocal music literature of various styles and cultures
3. Recorder and instructional book
4. Individual student and group performance
5. Student vocal music
6. Instrumental scores with various classroom instruments
7. Music theory instruction and development
8. Multimedia listening and visual examples of instrumental and vocal performances
9. Composer biographies and listening materials
10. Advent prayer service

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**SUBJECT: Physical Education**

**GOALS:**

Students will:

1. apply knowledge, concepts, and rules through participation in developmental games and activities.
2. demonstrate locomotor, nonlocomotor, and balance skills through manipulative activities.
3. act in accordance with safety pertaining to self and others.
4. show an appreciation for personal health and fitness.
5. perform skills and show knowledge in a variety of sports and lifetime activities.
6. imitate positive sportsmanship and moral behavior through participation in all activities.

**CONTENT TOPICS:**

1. Motor skills, rules, and strategies of activities (dribble tag, whiffle ball)
2. Proper execution of throwing, catching, striking, kicking, bouncing, and jumping while using age-appropriate mechanics, force, and direction
3. Muscle strength, endurance, and flexibility
4. Identify major bones and their functions
5. Introduce major muscles
6. Pulse rate
7. Food pyramid and foods needed for a healthy diet

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**SUBJECT: Religion**

**GOALS:**

Students will:

1. demonstrate knowledge of the Creed and God's invitation to friendship.
2. develop an understanding of the worship practices of the Church and Sacraments.
3. demonstrate knowledge and understanding of morality issues by living the 10 Commandments and corporal works of mercy.
4. demonstrate an understanding of the meaning of prayer and participate in community and individual prayer.
5. locate passages in the Bible.
6. develop self-esteem, respect for oneself essential for understanding sexual identity.

**CONTENT TOPICS:**

1. Liturgy of the Hours, Nicene Creed, Lord's Prayer, scripture stories that teach us to pray
2. Reconciliation, Baptism, Holy Eucharist
3. Corporal works of mercy and 10 Commandments
4. Structure of the Bible
5. Bible stories from the Old and New Testament that emphasize God's faithfulness such as stories of Samuel, the Good Shepherd, Jesus feeding the people, other Gospel stories, and the lives of the prophets
6. Expressing feelings, basic emotions, signs of affection, need for privacy

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**SUBJECT: Science**

**GOALS:**

Students will:

1. demonstrate knowledge of earth science topics.
2. demonstrate knowledge of the solar system.
3. explain weather and its properties.
4. explain how wind, water, and ice shape the land through weathering.
5. discuss differences between animal and plant life.
6. recognize and use science investigation skills.

**CONTENT TOPICS:**

1. Earth's crust, recording information on earthquakes and volcanoes, cause/effect, conclusions on continental drift
2. Planets, stars, satellites, comets, asteroids, moons, moon phases
3. Fossils, coal formation
4. Oceans properties
5. Sequence of layers of atmosphere ( stratosphere, mesosphere, ionosphere ); graphs
6. Types of clouds ( Stratus, Cumulus, Cirrus ), weather predictions, effect of temperature on air movement , wind observations, water cycle, cold/ warm fronts, weather maps
7. Cause/ effect relationships in the biosphere, classifying living things, animal and plant life, variations in a family, animals as migrators and non-migrators
8. Following directions, reading illustrations, science vocabulary, comprehension of material, observation, compare/contrast, classify, sequence, cause/effect, measurement ( length, area, volume, mass, temperature ), recording data, predicting, hypothesizing, inferring, conclusion

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**SUBJECT: Social Studies**

**GOALS:**

Students will:

1. demonstrate a knowledge of current events and appreciate the impact on daily life.
2. use map and graph skills.
3. list and identify states and capitals of the United States.
4. recognize geographic features, history, and economy of the 5 regions of the United States.
5. utilize research skills to create a social studies report or project.

**CONTENT TOPICS:**

1. Research, oral and written communication, opinion, and synthesis
2. Map skills: reading a map key, longitude and latitude, directions, land form maps, political maps, and product maps
3. Land forms, climate, natural resources, economy, heritage, culture, settlement, and history of the US regions
4. Research and report writing skills such as outlining, paragraphs, organization, and time management